to be a better book than its predecessor, and is likely to prove more teachable, though the changes are not revolutionary. One excellent feature is the introduction of numerous oral exercises under the various topics. Lowest common multiple is now treated with fractions, and highest common factor is relegated to the appendix. Many other changes of a minor nature all tend toward simplification without changing the general plan.

The New Barnes Problem Books. By ABRAHAM SMITH. New York: The A. S. Barnes Co. Four books, each of 70 pages. 10 cents each.

The four books are written for the first and second halves of the seventh and eighth grades. They contain an excellent assortment of problems, a large part of them on practical operations, and cover review, new work, and constant practice on fundamentals. These books are worth examining by anyone who needs such list of problems.

How to Make High Pressure Transformers. By F. E. AUSTIN. Hanover, N. H.: Professor F. E. Austin. Pp. 47. 65 cents.

This is the second edition of the book called "Directions for Designing, Making, and Operating High Pressure Transformers." It is written for those who wish to construct their own apparatus for purpose of experiment, and so is especially useful for teachers and students. The book is well written and well illustrated, and should prove valuable to all interested in this line of work.